AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims

1.   (Canceled)

2.   (Currently Amended) The method according to ~~claim 1~~ claim 5, further comprising utilizing the circuit switched call to provide one or more conversational bearers.

3.   (Previously Presented)   The method according to claim 2, further comprising utilizing the packet switched session to provide non-conversational bearers established over said IP based packet switched network.

4.   (Currently Amended) The method according to ~~claim 1~~ claim 5 wherein, at least one of the peer user terminals is a dual mode mobile terminal capable of using both said packet switched and circuit switched access networks.

5.   (Currently Amended) ~~The method according to claim 1,~~ A method of setting up a session between first and second peer user terminals of a communication system, said session extending at least in part across a circuit switched access network, the method comprising the steps of:
    establishing a packet switched session between the peer user terminals via an Internet Protocol, IP, based packet switched access network using a call control protocol which is also used for setting up end-to-end packet switched sessions, wherein the step of establishing a packet switched session includes utilizing the Session Initiation Protocol, SIP, between at least one of the peer user terminals and a SIP server of an IP Multimedia Core Network Subsystem (IMS);

associating the packet switched session with a circuit switched telephone number; and

setting up a circuit switched call between the peer user terminals in parallel with the packet switched session.

6.   (Currently Amended) The method according to claim 5, wherein said SIP server notifies a gateway server when it receives a session initiation request which requires establishing at least one conversational bearer, the gateway <u>server</u> setting up the circuit switched call within the system.

7.   (Previously Presented) The method according to claim 6, wherein said SIP server and said gateway server are co-located.

8.   (Previously Presented) The method according to claim 6, wherein the gateway server provides interworking between the circuit switched call and the packet switched session.

9.   (Previously Presented)   The method according to claim 8, wherein following notification from the SIP server, the gateway server notifies said at least one of the peer user terminals of a callback telephone number, and the peer user terminal calls that number to initiate the circuit switched call with the gateway server.

10.   (Previously Presented) The method according to claim 9, wherein at least one peer user terminal is notified of the callback number via the SIP server.

11.   (Previously Presented) The method according to claim 10, wherein the gateway server maps the established circuit switched call to the packet switched session based on the used callback number.

12.   (Previously Presented) The method according to claim 9, wherein the gateway server selects the callback number from a pool of available callback numbers.

13.   (Currently Amended)   The method according to claim 5, further comprising determining by the SIP server that said session requires setting up a circuit switched call as a result of one or more of the following:

properties of the system known to the SIP server;

prior notification by at least one of the peer user terminals;

information contained in the SIP ~~signalling~~ signaling initiating the session;

properties defined for the peer user terminal;

prior notification from a visited network if a peer user terminal is roaming; and

prior notification from the packet switched access network used by the peer user terminal.

14.   (Canceled)

15.   (Currently Amended) A user terminal comprising:

means for using a circuit switched access network;

means for using an Internet Protocol, IP, based packet switched access network; and

means for transferring ~~signalling~~ signaling information, using a call control protocol which is also used for setting up end-to-end packet switched sessions, over the packet switched network to initiate in parallel, both a packet switched session over the packet switched network and a circuit switched call over the circuit switched network;

wherein the means for transferring signaling information includes means for transferring Session Initiation Protocol, SIP, signaling between the user terminal and a SIP server of an IP Multimedia Core Network Subsystem (IMS).

16.   (Previously Presented) A Session Initiation Protocol server for use in an Internet Protocol, IP, Multimedia Core Network Subsystem, the server comprising:

means for receiving an INVITE request from a user terminal, over an IP based packet switched domain, initiating a packet switched session;

means for determining that the packet switched session requires setting up of at least one circuit switched conversational bearer; and

means for causing the at least one conversational bearer to be set up in parallel with the packet switched session.

17.   (Currently Amended) A gateway server for providing an interface between a circuit switched access network and a packet switched network, the gateway server having an interface towards a Session Initiation Protocol, SIP, server of an Internet Protocol, IP, Multimedia Core Network Subsystem, said gateway server comprising:

means for receiving from the SIP server, ~~signalling~~ signaling instructing the setting up of a circuit switched call over the circuit switched access network with a user terminal; and

means for setting up the circuit switched call in parallel with a packet switched session.

18.   (Previously Presented) The user terminal of claim 15, wherein the terminal is a dual mode mobile terminal capable of using said packet switched and circuit switched networks.

19.   (Previously Presented) The user terminal of claim 15, further comprising:

means for receiving a call-back number from a gateway associated with said packet switched and circuit switched networks; and

means for setting up a circuit switched call with said gateway by calling that call-back number.

20.   (Previously Presented) The server of Claim 16, further comprising means for notifying a gateway server upon determining that the at least one conversational bearer in the circuit switched domain is required and causing said gateway server to provide a call-back number to said user terminal.

21. (Previously Presented) The gateway server of Claim 17, further comprising means for providing said user terminal with a call-back number for said user terminal to call to initiate a circuit switched call with said gateway server.